



Air Force Open Systems Acquisition

Michael J. Mayhew, AFRL/RIEB

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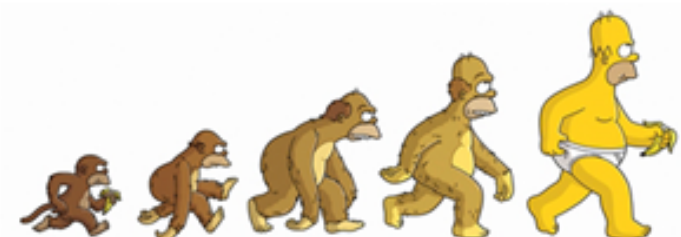


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OPEN SYSTEMS ACQUISITION (OSA)

Headquarters U.S. Air Force

Integrity - Service - Excellence



From Plugfest “Plus” to Open System Acquisitions

Evolving the Air Force Acquisition System

19 May 2015

**Bending
the Cost
Curve**



**SAF/AQ Office of
Transformational Innovation
(OTI) brief**

Dr. Camron Gorguinpour

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OSA EXPERIMENT & OTHER-TRANSACTION OBJECTIVES

- **OBJECTIVE:** Modernize Command, Control, Communications, and Cyber Intelligence Surveillance & Reconnaissance (C4ISR) Information Systems using agile developed “plug-n-play” technologies via modern open systems architectures.
- **BENEFITS:** Provide open, agile, information-based, services oriented system built upon modern Open System Approaches that will significantly change the way our systems currently perform and provide rapid adaptation and integration of new capabilities.
- **SCOPE:** Research, development, test, engineering, certification, modeling and simulations, measurement, and integration of tools using an innovative, rapid acquisition process for Air Force “open-systems” based C4ISR Information Systems (Such as: Distributed Common Ground System (DCGS), Theater Battle Management Core Systems (TBMCS), Air Operations Center- Weapons System (AOC WS), and others).



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HOW IT WORKS

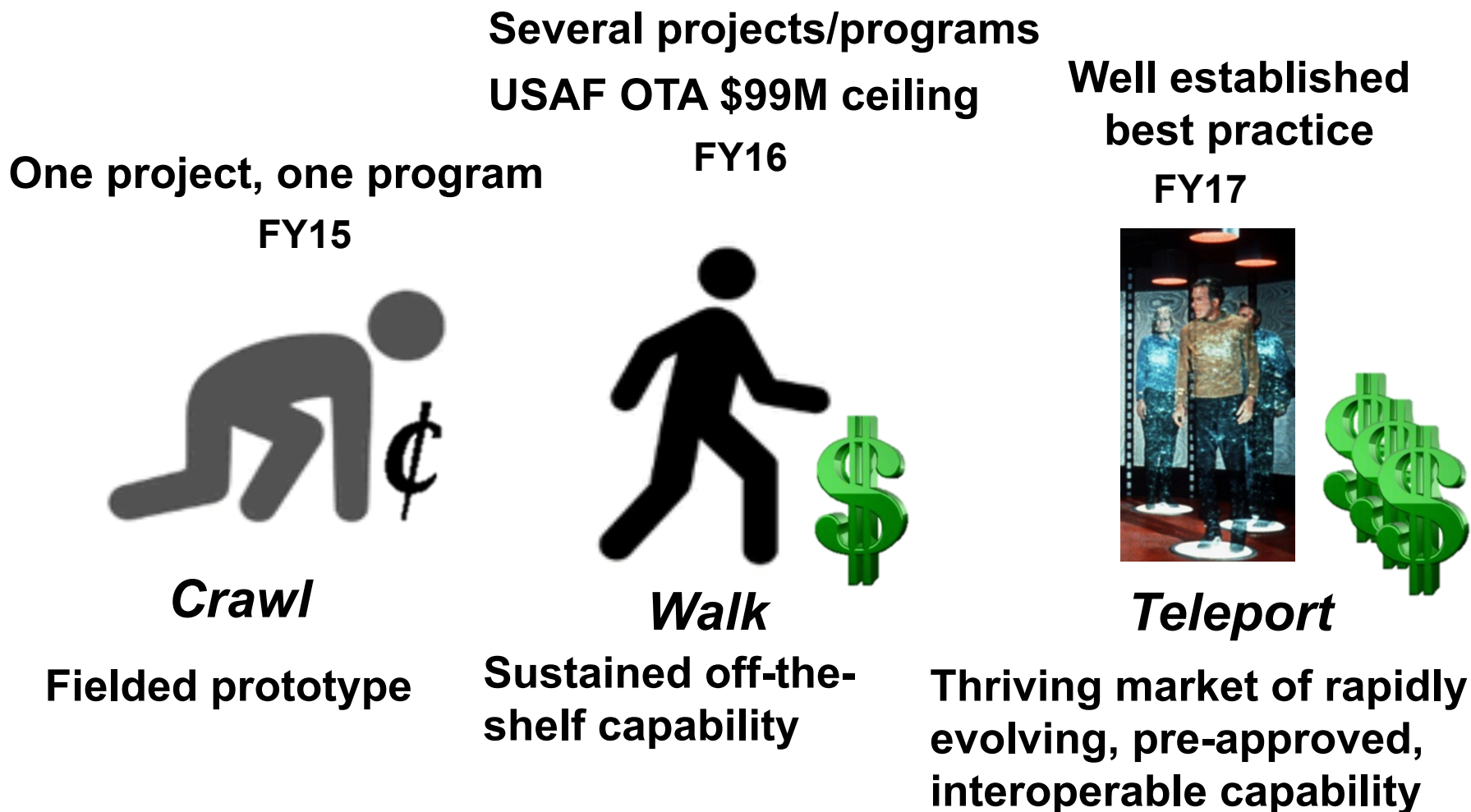
HOW?

If we provide streamlined procurement via
Other Transaction Agreement ...
and...
We provide processes and tools for “plug-
and-play” open system engineering...
then...
We will steadily, and measurably, increase
ROI per defense dollar invested in
information systems!



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LEARN BY DOING





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OSA UNIQUE FEATURES

- **Collaboration between SAF/AQ, AFRL/RI, and Information Systems Special Projects Offices (SPOs) promotes:**
 - ***Technologies integrated within modernized infrastructures***
 - ***Significant expansion of performance & agility***
 - ***Significant decreases in time to field, lifecycle management, and cost.***
- **Combination of non-traditional contractors with traditional mentors (Consortium) provides iterative rapidly developed/ integrated capabilities**
- **Use of modernized open architectures provides capabilities that meet warfighter requirements over the program lifecycle.**
- **New & existing OTs enable and encourages broader range of commercial firms to help in developing defense systems.**

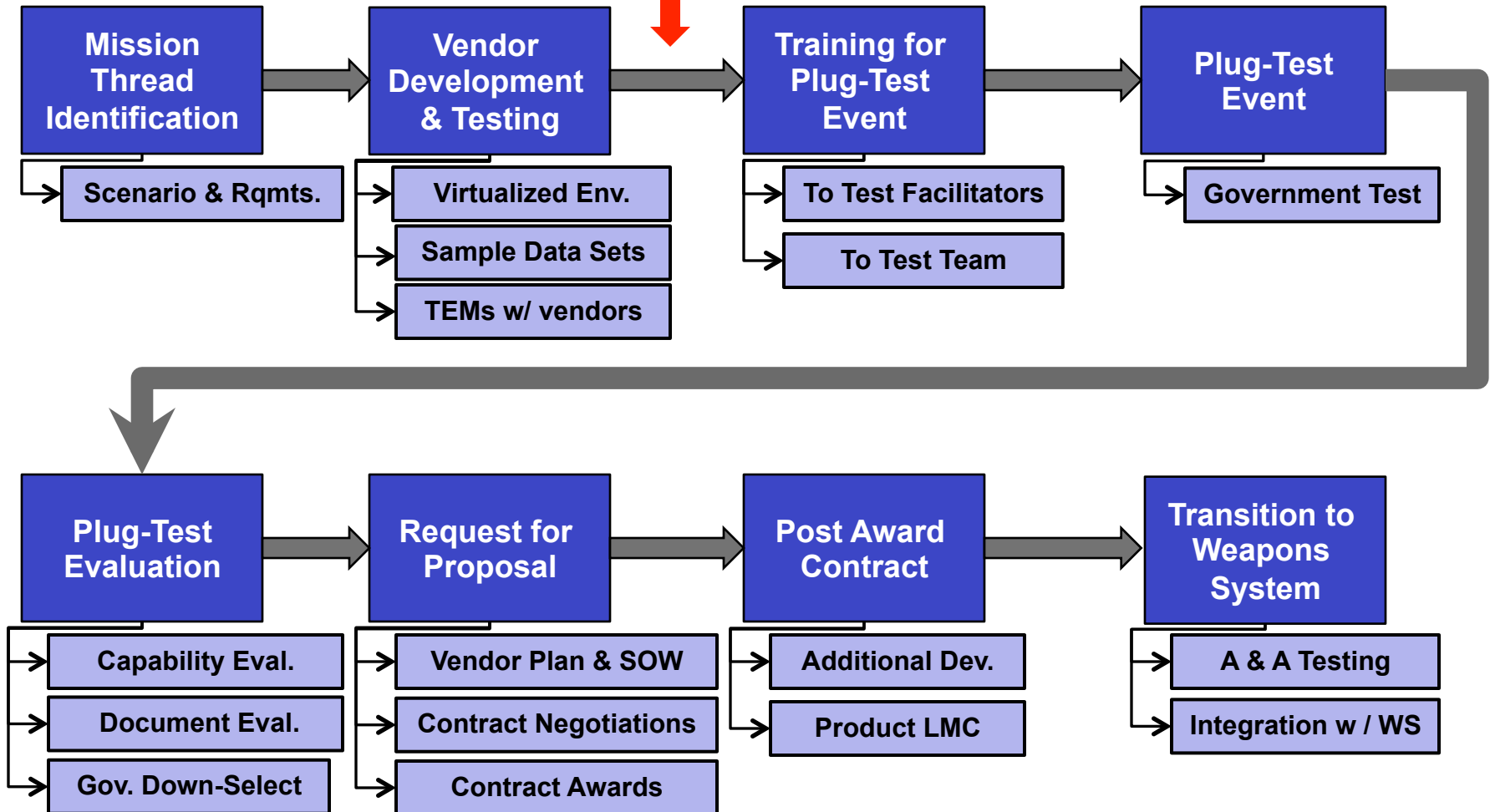


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DCGS OSA EXPERIMENT

Multi-Releasable Intelligence Product (MRIP)

We Are Here





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PARTNERING FOR SUCCESS

- **As with all BTCC activities, success cannot be achieved without significant collaboration with industry:**
 - Join the Open System Acquisition Consortium (or compete in the RFP process to establish the consortium)
 - AFRL DRAFT RFP for the first Air Force Open System Acquisition Consortium, View on FedBizOpps or www.plugfestplus.org
 - Tell a friend
- **Partnerships with other DOD and federal agencies is also critical:**
 - Open System Acquisition vehicle is available to all government entities
 - Input from other potential government customers is incredibly valuable
 - Tell more friends



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CONCLUSION

- **The Air Force is committed to identifying and implementing innovative business approaches to deliver better, faster, and cheaper capabilities to our Airmen**
- **Open Architecture Systems are an integral part of Air Force goals, but current business practices are prohibitive**
- **Open System Acquisition efforts aim to close that gap**
- **Continued partnerships with industry (and other government agencies) are integral to building a viable acquisition process for the 21st Century**